Exploration
CSA Global is a geological, mining and management consulting company providing strategic mining services and advice to companies in the international mining industry.

We have 30 years international experience in most mineral commodities, with offices located in Perth, Brisbane, Darwin, Jakarta, Singapore, Johannesburg, Horsham (UK), Moscow and Vancouver.

The diversity of our services provides successful solutions for our clients’ needs and ensures an innovative approach to all our projects.

EXPLORATION

CSA Global’s Exploration services team combines highly-experienced personnel with state-of-the-art techniques and technologies to provide a focused pathway to discovery and definition of Mineral Resources. Our exploration and project management expertise can take your property from concept to prospect and, with the help of our Data, Resources, Mining and Corporate teams, on to deposit and operating mine.

We can provide expert advice, project audit, and staff mentoring at any stage of the exploration and evaluation cycle from project generation through to reserve replacement.

Given our depth of experience we can supply a complete exploration management service comprising planning, supervision, data collection, management and reporting.

Or if you just require skilled field personnel we can supply contract staff to assist your team.

We have worked with all sized companies from junior explorers through to international majors and our depth of knowledge and experience enables us to tailor a genuinely value-adding solution for each client’s needs, whether first pass drilling or brownfields exploration at an operating mine. Our consultants are industry leaders and can provide unique insights on the best way to develop your project, or to assess opportunities for project acquisition.
Our Exploration services include:

**Regional targeting and project generation**
- Desktop studies, prospectivity assessment and target identification
- Metallogenic studies and basin analysis
- Structural, alteration, geophysics (including seismic) and geology reviews
- Commodity and country assessments

**Project management**
- Establishment of health, safety, environment, and community systems and procedures
- Risk assessments
- Customised standard operating procedures and training
- Work program design and management of exploration
- Permitting and compliance
- Contract management
- Annual technical reporting

**Integrated data management**
- Drilling and GIS database design and management
- Public domain data searches and historic data capture
- Consolidation of historical exploration data into robust validated databases
- Spatial integration of disparate data sets
- Identification and ranking of targets
- 3D modelling

**Program implementation – greenfields to mine**
- Field program design, planning and logistics – experience in remote areas and international projects
- Drilling supervision and logging for exploration and resource definition
- Regional to prospect scale mapping (structure, alteration, stratigraphy)
- Integrated interpretation and geological synthesis from all data types
- Geochemical and geophysical survey planning and interpretation
- QA/QC systems and monitoring

**Expert Reporting, due diligence and geo-corporate advice**
- JORC, PERC and NI 43-101 reporting (also experience in Chinese and Russian systems)
- Project Valuations (VALMIN)
- Technical audits for corporate decision making
- Input to acquisitions, mergers, stock exchange listing
- Due diligence investigations and reports
- Company announcements

**Training and mentoring**
- Customised training courses
- On site or online mentoring of client teams
- Wide range of support material available

**Recent Experience**
- Caijiajing Zn-Au Project, China – Griffin Mining
- North Kordofan, Red Sea Hills Cu-Au Projects, Sudan – QSMD
- Cu Project, Argentina – PepinNini Minerals International Pty Ltd
- Lac des Iles PGE Project, Canada – North America Palladium Ltd
- Lely Au Project, Suriname – Grassalco
- Mabilo Fe-Cu-Au Project, Philippines – RTG Mining, Sierra Mining
- Magellan Pb Project, WA – Rosslyn Hill Mining
- Semail Cu Project, Oman – Savannah Resources
- Fortnum Au Project, WA – Grosvenor Gold
- Sierra Mojada Zn-Pb-Ag Project, Mexico – Metalline Mining
- Wa-Lawra Au Project, Ghana – Azumah
- Kintyre Uranium Project, WA, Arnhem Land Projects, NT – Cameco
- Kayelekera Project, Malawi – Paladin Resources
- Kipoi Cu Project, D.R. Congo – Tiger Resources
- Regional Cu project generation, Australia and SE Asia – Antofagasta Minerals
- Padaeng Zn Project, Thailand
- Khmaiguiyah VHMS Zn-Cu Project, Saudi Arabia – Alara Resources
- Indonesian Nickel laterite projects – Solway
- Sintoukoula Potash Project, Rep. of Congo – Elemental Minerals
About CSA Global

We are a leading geological, mining and management consulting company with 30 years experience in the international mining industry.

We cover all stages of the exploration and mining cycle:

EXPLORATION
RESOURCES
MINING
DATA
CORPORATE

Australia • Canada • Indonesia • Russia
Singapore • South Africa • United Kingdom

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